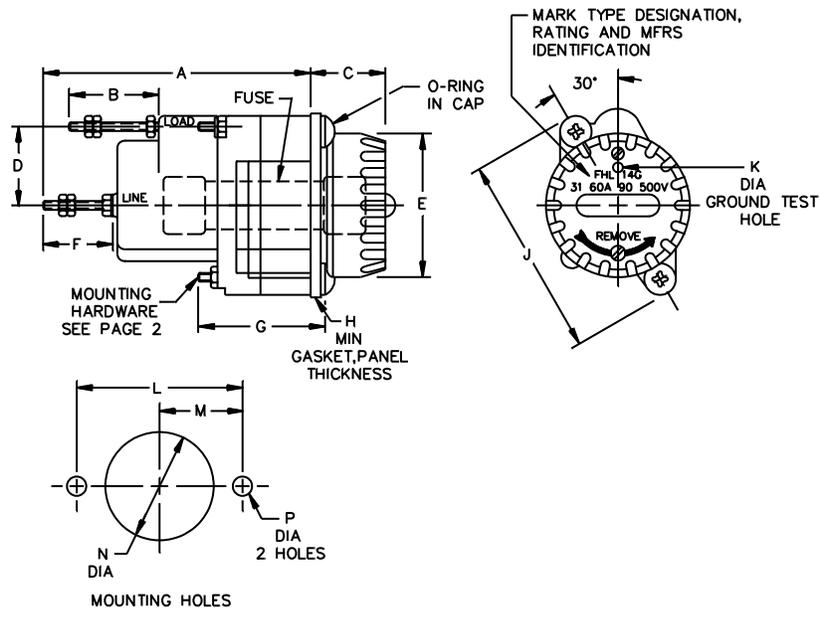


PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE,
BLOWN FUSE INDICATING, TYPE FHL14G

This specification is approved for use by all Departments
and Agencies of the Department of Defense

The requirements for acquiring the product described herein
shall consist of this specification and [MIL-PRF-19207](#).



Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	4.250 (REF)		107.95 (REF)		H	.060	---	1.52	---
B	1.120 (REF)		28.345 (REF)		J	2.880 (REF)		73.15 (REF)	
C	1.250 (REF)		31.75 (REF)		K	.091	.101	2.31	2.57
D	.995	1.005	25.27	25.53	L	2.375	2.385	60.33	60.58
E	1.995	2.005	50.67	50.93	M	1.180	1.190	29.97	30.23
F	1.380 (REF)		35.05 (REF)		N	1.745	1.755	44.32	44.58
G	1.995	2.005	50.67	50.93	P	.265	.270	6.73	6.86

See notes on page 2.

FIGURE 1. Type FHL14G fuseholder.

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ± 0.02 (0.51 mm) for two place decimals and ± 0.005 (0.13mm) for three-place decimals.
4. Cap and body molding material: It is suggested that type MAI-60, GDI-30F or SDG-F of American Society for Testing and Materials [ASTM-D5948](#) be considered for meeting the cap and body molding material requirements of this specification. [ASTM-D3935](#) is also suggested as guidance for cap material.

FIGURE 1. Type FHL14G fuseholder - continued.

REQUIREMENTS:

Interface and physical dimensions: See [figure 1](#).

Cap and body molding material: Cap and body molding materials shall be selected to enable the fuseholder to meet the performance requirements of this specification. Additional information and guidance on body molding material are specified in the notes.

Fuse accommodation.

Ferrule type:

Size: 0.813 inch (30.65 mm) diameter, 3 inches (76.2 mm) length.
Styles: [MIL-PRF-15160](#), F16 and F62.
(or equivalent size and Styles)

Poles: One.

Rating: 31-60 amperes, 90-500 volts.

Panel thickness: 0.187 inch (4.75 mm) maximum.

Indicating: Neon lamp with clear cap.

Lamp series resistor: [MIL-PRF-39017/2](#), two resistors, 160,000 ohms, 0.5 watt.

Terminals: Stud type, No. 250-20UNC-2A thread.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F62C500V60A of [MIL-PRF-15160/62](#).

Short circuit: F62C500V60A of [MIL-PRF-15160/62](#).

Mechanical shock: Method I of [MIL-PRF-19207](#).

Terminal strength: 20 pounds.

Torque: Terminals and cap insert - 15 inch-pounds.

Salt atmosphere (corrosion): Test condition B.

MIL-PRF-19207/5L

Mounting hardware:

Screw: .250-20UNC-2A, truss head, 2.0 inches long (min) with sealing washer.

Nut: .250-20UNC-2B Hex. A threaded metal insert may be used in lieu of nut.

Part or Identifying Number (PIN): FHL14G-001 shall be for body.

FHL14G-002 shall be for cap.

Referenced documents. In addition to [MIL-PRF-19207](#), this document references the following:

[MIL-PRF-15160](#) [MIL-PRF-15160/62](#) [MIL-PRF-39017/2](#) [ASTM-D3935](#) [ASTM-D5948](#)

The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Custodians:

Army - CR
Navy - SH
Air force - 85
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Army - AR, AT, CR4, MI
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Air Force - 70, 71, 99

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